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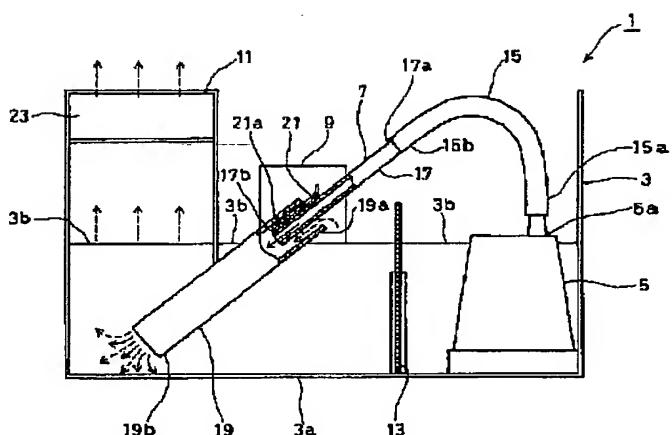
APPLICATION DATE : 17-06-93
APPLICATION NUMBER : 05146399

APPLICANT : POWER FIELD:KK;

INVENTOR : SHINOHARA HIDEAKI;

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TITLE : METHOD FOR PURIFYING AIR AND
AIR PURIFIER



ABSTRACT : PURPOSE: To provide a method for purifying air and an air purifier whose miniaturization is enabled.

CONSTITUTION: An air purifier 1 consists of a water tank 3 storing water and provided with a filter 13 dividing the tank itself right and left, a pump 5 for pumping up water in the water tank 3, a nozzle 7 for jetting water pumped up by the pump 5 into the water tank 3 from in the fresh air, an ozonizer 9 for blowing ozone into the nozzle 7, and an active carbon filter part 11 provided on the upper surface on the left side of the water tank 3 like a cover. When water in the water tank 3 is pumped up by the pump 5 to blow out it into the water tank 3 from in the fresh air by the nozzle 7, the fresh air is dragged into water by its force, causing the fresh air to be taken in the water tank 3. Since the fresh air turns into bubbles and the bubbles rise to the surface of the water 3b relatively slowly while receiving the resistance of water, sufficient contact time with water is held and dirt in the fresh air is sufficiently absorbed in water. Therefore, the device allows the sufficient absorption of dirt in the fresh air with miniaturized constitution.

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